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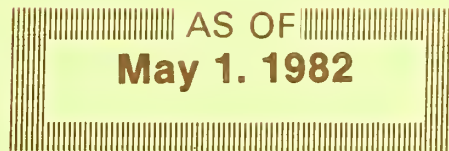
Water Supply Outlook For Idaho



SOIL CONSERVATION SERVICE
U.S. DEPARTMENT OF AGRICULTURE

Cooperating with

IDAHO SOIL CONSERVATION DISTRICTS
IDAHO DEPARTMENT OF WATER RESOURCES



TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

COVER PHOTO: Lone Cone, near Norwood, Colorado, blanketed by its winter mantle of snow.

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 510, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	Room 129, 2221 East Northern Lights Blvd., Anchorage, Alaska 99504
Arizona	Room 3008, Federal Building, 230 N. First Ave., Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno, Nevada 89505
Oregon	1220 S. W. Third Ave., Portland, Oregon 97204
Utah	4420 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U. S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82602

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Snow Surveys Branch, California Department of Water Resources, P.O. Box 388, Sacramento, California 95802 --- for British Columbia by the Ministry of the Environment, Water Investigations Branch, Parliament Buildings, Victoria, British Columbia V8V 1X5 --- for Yukon Territory by the Department of Indian and Northern Affairs, Northern Operations Branch, 200 Range Road, Whitehorse, Yukon Territory Y1A 3V1 --- and for Alberta, Saskatchewan, and N.W.T. by the Water Survey of Canada, Inland Waters Branch, 110-12 Avenue S.W., Calgary, Alberta T3C 1A6.



WATER SUPPLY OUTLOOK FOR IDAHO

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

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WASHINGTON, D C

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SOIL CONSERVATION SERVICE
BOISE, IDAHO

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WATER SUPPLY OUTLOOK for IDAHO



GENERAL STATEMENT FOR MAY 1, 1982

In general, water supplies are expected to be good to excellent on all watersheds throughout the State. Runoff is forecast to be above to well above normal statewide, ranging from a low of 113 percent on the Clearwater at Spalding in northern Idaho to a high of 160 percent on the Owyhee River drainage in southwestern Idaho.

April weather again brought above normal precipitation and below normal temperatures. This now makes seven months out of seven that precipitation has been well above normal for Idaho. For April, precipitation in Idaho has averaged 140 percent of normal for a range from 69 percent at Boise to 316 percent at Ketchum. For the water year, the State now stands at 148 percent of normal.

Temperatures across the State averaged 4° F. below normal for April.

The cool weather and above normal precipitation has greatly increased the potential for high volume flows and flooding may occur on many streams throughout Idaho. Above normal May precipitation or temperatures could create critical flooding situations. Some areas of major concern are the Big Wood River drainage where the snowpack is 135 to 200 percent of normal; the Salmon at Salmon; the Henry Fork at Rexburg; the Teton drainage, and the Portneuf River drainage. A potential for minor flooding also exists on the Clearwater, Bruneau, Payette and Boise River drainages.

Farmers, ranchers, and others should remove or be prepared to remove livestock and equipment from potential floodways.

Reservoirs are now beginning to fill and many smaller reservoirs are full or nearing capacity. Most reservoirs throughout the State are expected to fill by mid-June.

VALLEY PRECIPITATION 1/

Division Averages and Departures

In Inches

DRAINAGE DIVISIONS	Winter		Fall - Winter	
	April 1982		Nov. 81 - April 82	
	Observed	Departure <u>2/</u>	Observed	Departure <u>2/</u>
Kootenai, Canada & U.S.	1.61	- .01	16.66	+ 1.65
Flathead	1.98	+ .34	14.54	+ 2.17
Clark Fork	1.62	+ .29	12.26	+ 2.93
Pend Oreille-Spokane	3.31	+ 1.49	23.26	+ 3.89
Upper Snake	2.20	+ .41	16.36	+ 4.46
Snake River Plain	.70	- .29	7.88	+ 1.81
Salmon-Payette-Boise	1.91	+ .48	18.80	+ 5.58
Clearwater	3.31	+ .19	23.57	+ 2.57
Owyhee-Malheur	.69	- .06	9.86	+ 3.44

1/ Preliminary analysis and data by the National Weather Service and Meteorological Service of Canada.

2/ Departure from 15-year (1963-1977) drainage division average.

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD	
	FORECAST ^c		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average [†]

UPPER COLUMBIA BASIN

KOOTENAI RIVER

Leonia	(at)	9160	113	May-Sep	--	8116
		7900	113	May-Jul	--	6966
		6100	113	May-Jun	--	5402

PEND OREILLE RIVER

Clark Fork River

Whitehorse Rapids	(at)	14700	120	May-Sep	--	12207
		13200	121	May-Jul	--	10945
		11000	121	May-Jun	--	9059

SPOKANE RIVER

Post Falls <u>1/</u>	(at)	2360	115	May-Sep	--	2052
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St. Joe River

Calder	(at)	1240	118	May-Sep	--	1053
		1170	119	May-Jul	--	984

SNAKE RIVER BASIN

SNAKE RIVER - MAIN STEM

Moran <u>2/</u>	(at)	1205	133	Apr-Sep	--	903
Palisades Inflow <u>2/</u>		5280	137	Apr-Sep	--	3863
Heise <u>3/</u>	(nr)	5180	135	May-Sep	--	3824
Blackfoot <u>4/</u>	(nr)	5430	131	May-Jul	--	4143

Henrys Fork

Ashton <u>5/</u>	(nr)	730	115	May-Sep	--	634
Rexburg <u>6/</u>	(nr)	1730	125	May-Sep	--	1387

Portneuf River

Topaz	(at)	99	140	May-Sep	--	71
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Oakley Reservoir Inflow

		32	133	May-Sep	--	24
--	--	----	-----	---------	----	----

Salmon Falls Creek

San Jacinto	(nr)	88	140	May-Sep	--	63
		82	141	May-Jul	--	58

Bruneau River

Hot Springs	(nr)	213	155	May-Sep	--	183
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Little Lost River

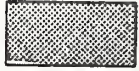




Howe	(nr)	46.8	120	May-Sep	--	39
Wet Creek	(bl)	44	119	May-Sep	--	37
		35.5	118	May-Jul	--	30

PROSPECTIVE STREAMFLOW
Based on Snow Surveys made on approximately
 MAY 1, 1982

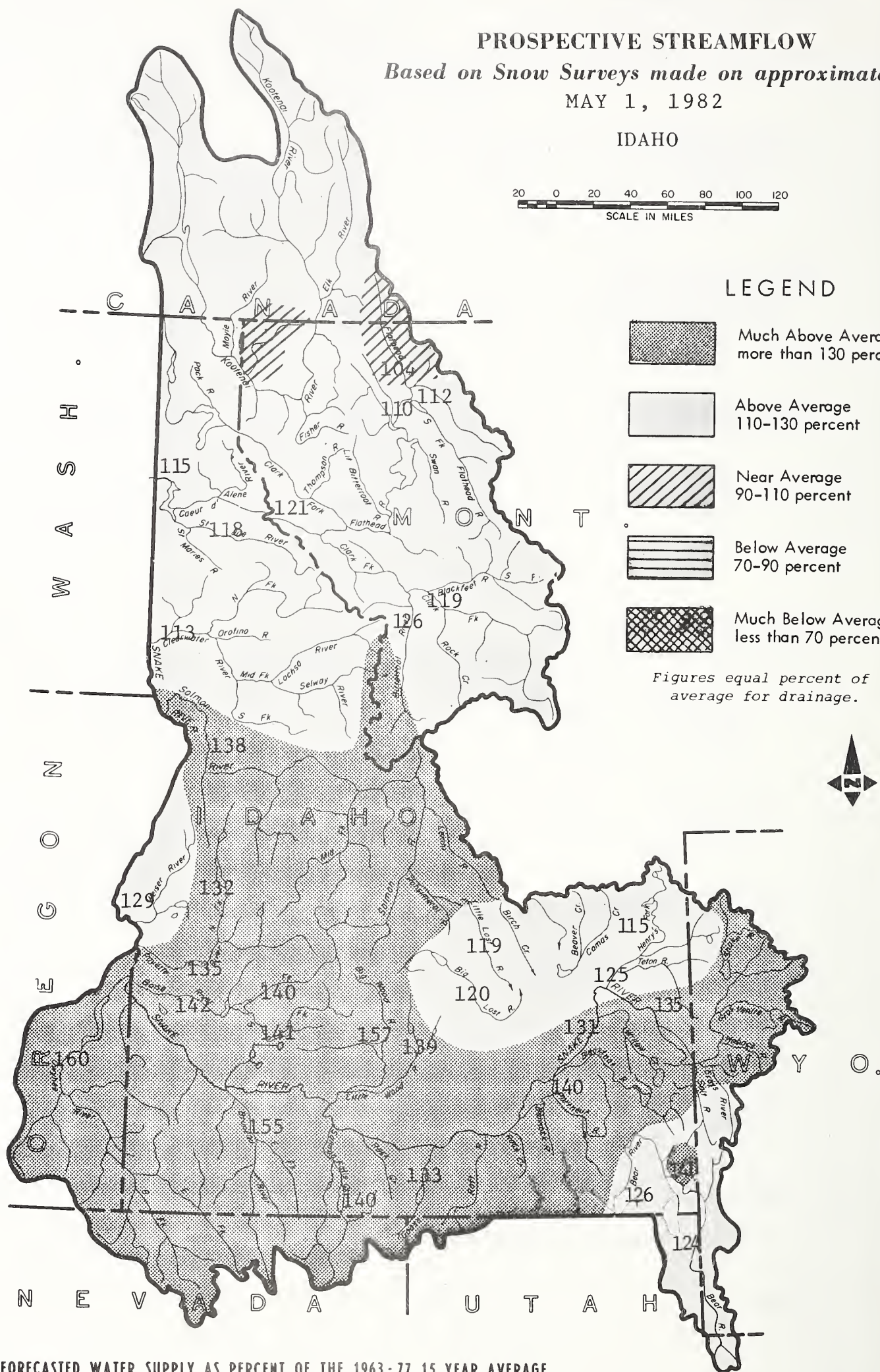
IDAHO

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 SCALE IN MILES

LEGEND

-  Much Above Average
more than 130 percent
-  Above Average
110-130 percent
-  Near Average
90-110 percent
-  Below Average
70-90 percent
-  Much Below Average
less than 70 percent

*Figures equal percent of
 average for drainage.*



FORECASTED WATER SUPPLY AS PERCENT OF THE 1963-77 15 YEAR AVERAGE

STREAMFLOW FORECASTS

STREAMFLOW FORECASTS			THIS YEAR		PAST RECORD	
BASIN, STREAM and/or FORECAST POINT		FORECAST ^c		FORECAST PERIOD	THOUSAND ACRE FEET	
		Thousand Acre Feet	Percent of Average		Last Year	Average [†]
<u>Big Lost River</u>						
Howell Ranch	(at)	257	120	May-Sep	--	214
		173	120	May-Jun	--	144
		227	120	May-Jul	--	189
Mackay <u>7/</u>	(nr)	230	120	May-Sep	--	191
<u>Big Wood River</u>						
Magic Reservoir		360	157	May-Sep	--	229
Inflow <u>8/</u>		335	157	May-Jul	--	213
<u>Little Wood River</u>						
Carey	(nr)	111	139	May-Sep	--	80
<u>Boise River</u>						
Twin Springs	(nr)	863	140	May-Sep	--	616
		782	140	May-Jul	--	559
Boise <u>9/</u>	(nr)	1880	142	May-Sep	--	1326
		1720	143	May-Jul	--	1206
<u>South Fork</u>						
Anderson Dam <u>10/</u>	(at)	720	141	May-Sep	--	511
		664	141	May-Jul	--	472
<u>Owyhee River</u>						
Gold Cr., Nv. <u>11/</u>	(nr)	39	180	Apr-Jul	--	22
Owyhee, Nv. <u>11/</u>	(nr)	124	170	Apr-Jul	--	80
Lake Owyhee		359	160	May-Sep	--	224
net inflow <u>12/</u>		316	160	May-Jul	--	197
<u>Payette River</u>						
Horseshoe Bend <u>13/</u>	(nr)	2110	135	May-Sep	--	1567
		1930	135	May-Jul	--	1428
<u>North Fork</u>						
Cascade <u>14/</u>	(at)	587	132	May-Jul	--	445
		634	132	May-Sep	--	480
Banks <u>14/</u>	(nr)	791	132	May-Sep	--	599
<u>Weiser River</u>						
Weiser	(nr)	533	129	Apr-Jul	--	414
		569	129	Apr-Sep	--	442
<u>Salmon River</u>						
Whitebird	(at)	9110	138	May-Sep	--	6581
<u>Clearwater River</u>						
Spalding	(at)	8010	113	May-Sep	--	7081

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		PAST RECORD	
	FORECAST ^c		THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average	FORECAST PERIOD	Last Year Average [†]

GREAT BASINBEAR RIVER

Harer (at) 336 124 May-Sep -- 271

Montpelier Creek

Montpelier (nr) 16.9 141 May-Sep -- 12

Cub River

Preston (nr) 62 126 May-Sep -- 49

- 1/ Observed flow corrected for storage in Coeur d'Alene Lake.
- 2/ Corrected for storage in Jackson Lake.
- 3/ Corrected for storage in Jackson Lake and Palisades.
- 4/ Corrected for storage in Jackson Lake, Palisades, Island Park, Henry's Lake, Grassy Lake and diversions between Heise and Blackfoot.
- 5/ Corrected for storage in Henry's Lake and Island Park Reservoir.
- 6/ Corrected for storage in Henry's Lake, Island Park, Grassy Lake and diversions between Ashton and Rexburg.
- 7/ Observed flow corrected for storage in Mackay Reservoir.
- 8/ Combined flow Big Wood River nr. Bellevue and Camas Creek nr. Blaine.
- 9/ Corrected for storage in Arrowrock, Anderson Ranch and Lucky Peak.
- 10/ Corrected for storage in Anderson Ranch Reservoir.
- 11/ Corrected for storage in Wildhorse Reservoir.
- 12/ From Bureau of Reclamation records of inflow.
- 13/ Corrected for storage in Cascade and Deadwood Reservoirs.
- 14/ Corrected for storage in Cascade Reservoir.

Cooperative forecasts released by Soil Conservation Service and National Weather Service.

COMPARISON of SNOW COVER

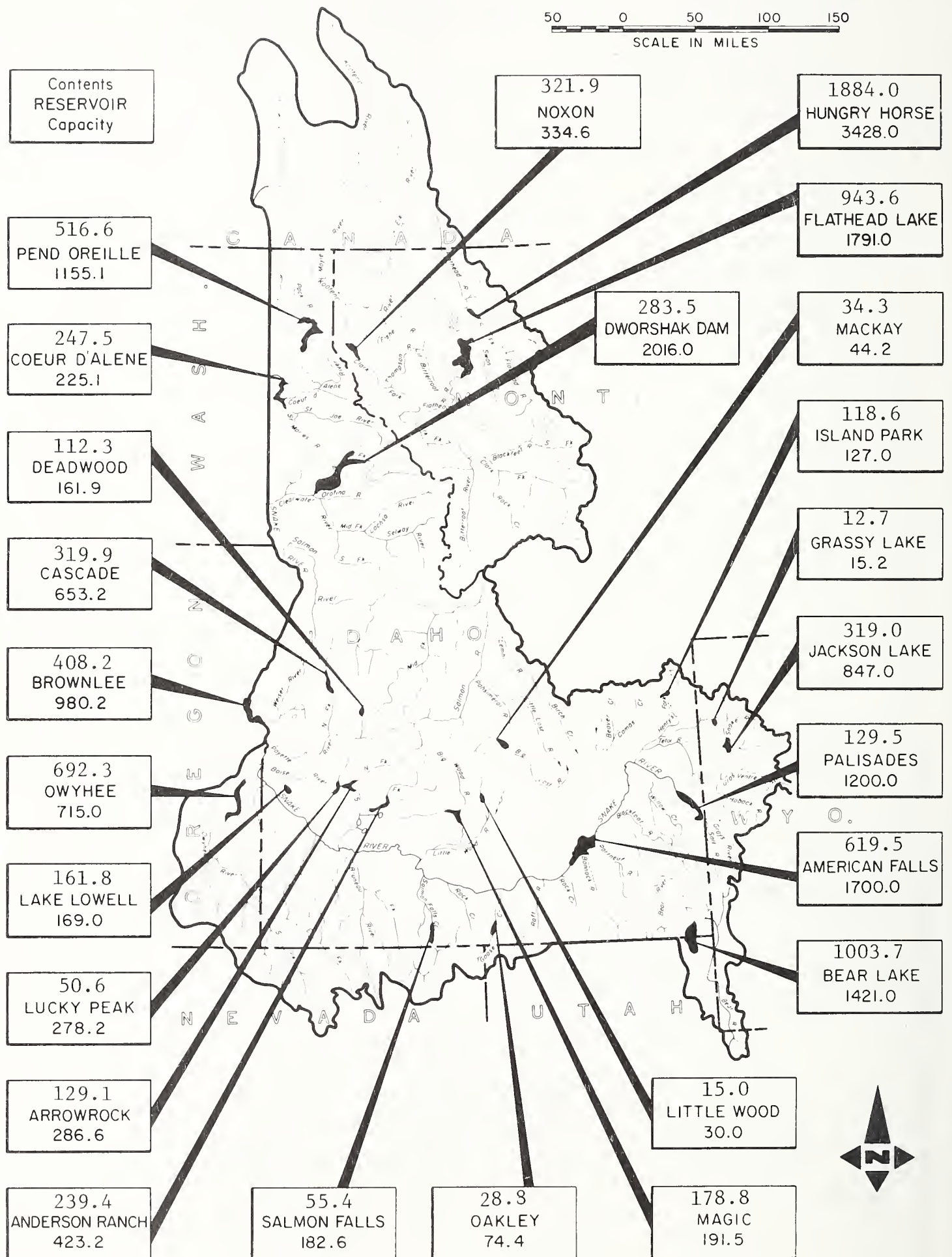
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RIVER BASIN WATERSHED	NO. OF COURSES AVERAGED	THIS YEARS SNOW WATER EXPRESSED AS PERCENT OF :	
		LAST YEAR	1963-77 AVERAGE
<u>UPPER COLUMBIA BASIN</u>			
Kootenai River	51	174	123
Pend Oreille River	87	244	124
Clark Fork River	54	236	125
Flathead River	44	152	113
Priest River	4 - 5	196	128
Spokane River	9	305	100
<u>LOWER SNAKE RIVER BASIN</u>			
Clearwater River	18 - 19	271	117
Salmon River	14 - 17	271	139
<u>MIDDLE SNAKE RIVER BASIN - Northside</u>			
Little Lost River	4	278	125
Big Lost River	4	333	147
Little Wood River	4	436	144
Big Wood River	9 - 10	258	152
Boise River	10	304	139
Payette River	11 - 14	300	137
Weiser River	1	-	133
<u>MIDDLE SNAKE RIVER BASIN - Southside</u>			
Salmon Falls Creek	5	266	118
Bruneau River	2	219	106
Owyhee River	2	483	154
<u>UPPER SNAKE RIVER BASIN</u>			
Snake Basin - Above Palisades Reservoir	15	324	133
Henrys Fork River	6 - 7	384	135
Teton River	4 - 5	551	137
Blackfoot River	2	-	125
<u>GREAT BASIN</u>			
Bear River - Upper	6	398	128
Bear River - Lower	14	542	153
Montpelier Creek	6	1136	168
Mink Creek	1 - 2	1070	125
Cub River	2 - 3	474	260

RESERVOIR STORAGE

USABLE CONTENTS (1,000 Acre Feet)

MAY 1, 1982



RESERVOIR STORAGE (1,000 Ac. Ft.)

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RESERVOIR	USABLE CAPACITY	MEASURED (First of Month)		
		THIS YEAR	LAST YEAR	1963-77 AVERAGE
UPPER COLUMBIA BASIN				
Clark Fork - Pend Oreille				
Hungry Horse	3428.0	1884.0	2683.0	1896.0
Flathead	1791.0	943.6	1022.0	915.3
Pend Oreille	1155.1	516.6	726.7	483.0
Noxon	334.6	321.9	315.1	141.7
Spokane				
Coeur d'Alene	225.1	247.5	248.0	238.4
SNAKE BASIN				
Jackson Lake	624.4	319.0	612.8	572.3
Palisades	1200.0	129.5	1201.3	666.3
American Falls	1673.0	1619.5	1665.0	1488.4
Island Park	127.0	118.6	132.5	126.3
Grassy Lake	15.2	12.7	13.5	11.1
Brownlee	980.2	408.2	992.3	406.4
Goose-Trapper Creeks				
Oakley	74.4	28.8	34.2	37.8
Salmon Falls Creek				
Salmon Falls	182.6	55.4	68.0	81.0
Big Lost				
Mackay	44.2	34.3	44.9	34.0
Big Wood				
Magic	191.5	178.8	175.2	172.7
Little Wood				
Little Wood	30.0	15.0	30.2	24.5
Fish Creek				
Carey Valley	14.4	14.4	12.3	--
Boise				
Anderson Ranch	423.2	239.4	382.6	289.3
Arrowrock	286.6	129.1	286.6	213.2
Lucky Peak	278.2	50.6	254.6	134.1
Lake Lowell (Deer Flat)	169.0	161.8	176.0	151.2
Owyhee				
Owyhee	715.0	692.9	634.7	591.2
Payette				
Cascade	653.2	319.9	624.3	330.9
Deadwood	161.9	112.3	145.2	98.2
Weiser				
Mann Creek	11.1	11.2	11.3	--
Clearwater				
Dworshak	2016.0	283.5	1855.2	--
GREAT BASIN				
Bear				
Bear Lake	1421.0	1003.7	1070.2	1095.0

SNOW WATER DEPTHS

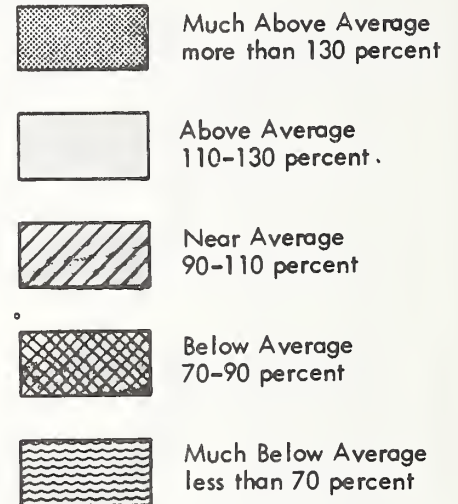
As percent of 1963-77 15 year average

MAY 1982

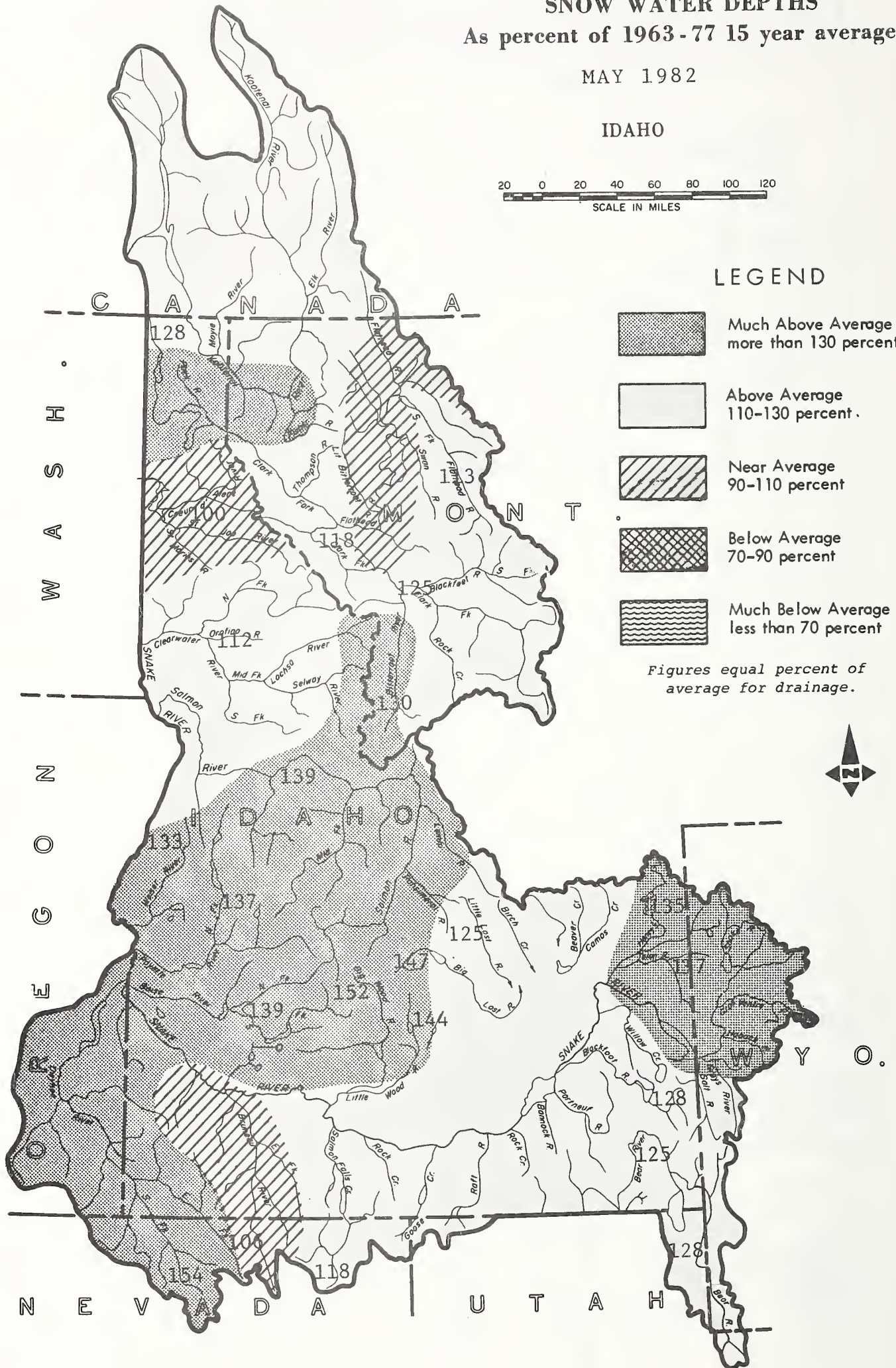
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20 0 20 40 60 80 100 120
SCALE IN MILES

LEGEND



Figures equal percent of
average for drainage.



SNOW

DRAINAGE BASIN and or SNOW COURSE			THIS YEAR			PAST RECORD	
			Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
						Last Year	Average
Name & Drainage		Elevation					
Above Burke	Coeur d'Alene	4100	4/29	48	20.6	4.6	19.7*
Aspen Grove	Willow	6500	5/4	0	0.0	--	--
Atlanta Summit	Boise	7600		Not measured		17.8	36.6
Atlanta Townsite	Boise	5280	4/28	17	7.5	--	--
Bad Bear	Boise	4940	5/3	18	8.8	0.0	6.8
Banner Summit	Payette	7040	4/28	100	43.6	17.8	--
Bear Basin	Little Salmon	5350	4/28	54	21.2	7.2	--
Bear Canyon	Big Lost	7900	4/28	73	28.1	12.8	18.9*
Bear Creek (Nv)	Jarbridge	8040	4/27	61	27.5	9.0	21.2*
Bear Mountain	Clark Fork	5400	4/26	171	83.9	46.4	67.7*
Benton Meadow	Priest	2370	4/29	0	0.0	0.0	0.0*
Benton Spring	Priest	4920	4/29	44	17.7	6.5	16.7
Big Creek Summit	Salmon	6580	4/25	127	55.3	25.0	37.8
Big Springs	Henry's Fork	6400	4/30	47	20.6	0.0	17.7
Birch Creek	Willow	6800	5/4	0	0.0	--	--
Black Bear (Mt)	Madison	7950	4/27	129	59.6	--	--
Blue Ridge	Blackfoot	6780	4/30	52	24.5	0.0	--
Bogus Basin	Payette	6340	5/3	61	27.5	2.3	24.0*
Bogus Basin Road	Boise	5540	5/3	0	0.0	0.0	0.4*
Boulder Creek	Weiser	5440	4/29	54	22.4	0.5	16.8
Breezy Saddle	Clearwater	5010	4/29	79	30.2	8.3	--
Brundage Mountain	Little Salmon	7560	4/27	139	65.4	37.5	52.4*
Buck Meadows	Selway	5650	4/29	88	34.7	11.6	29.9*
Cayuse Airstrip	Clearwater	3500	4/29	2	0.8	0.0	1.0*
Coolwater Mountain	Lochsa	6040	4/29	130	49.3	18.1	35.5*
Copper Basin	Big Lost	7640	4/28	32	13.5	0.0	8.5*
Copper Ridge	Coeur d'Alene	4820	5/3	39	16.7	0.0	25.7
Couch Summit	Boise	6840	5/1	51	18.0	--	14.9*
Cozy Cove	Deadwood	5380	4/28	35	13.8	0.0	10.7*
Crater Meadows	Clearwater	5960	4/29	125	49.4	22.0	47.8
Crawford Ranger Sta.	Payette	4860	4/25	0	0.0	0.0	0.4
Crooked Fork	Lochsa	3610	4/30	18	7.8	0.0	3.5*
Cub River Ranger Sta.	Cub	5450	4/25	1	0.6	0.0	0.0
Deadline	Salmon Falls	7400	4/30	47	21.9	6.5	21.7*
Deadline South	Salmon Falls	7450	4/30	54	24.1	--	--
Deadwood Airstrip	Deadwood	5360	4/28	33	14.2	0.0	8.6*
Deadwood Summit	Deadwood	6860	4/28	145	68.9	32.5	48.2*
Dollarhide Summit	Big Wood	8420	4/28	96	39.4	16.0	24.3*
Elk Butte	Clearwater	5550	4/29	92	32.4	8.1	34.1
Emigrant Summit	Bear	7390	4/30	79	35.3	3.3	24.9*
Fairview Guard Sta.	Little Lost	6750	4/30	0	0.0	--	--
Fish Lake Airstrip	Lochsa	5650	4/29	113	45.2	20.1	41.4*
Forty-nine Meadows	Clearwater	4830	4/29	68	28.0	7.1	26.9
Franklin Basin	Cub	8040	4/25	93	41.2	11.7	27.0
Freds Mountain (Wy)	Teton	8150	4/29	84	34.9	11.3	21.1*
Galena	Big Wood	7440	4/28	67	27.6	6.2	15.9
Galena Snotel	Big Wood	7470	4/28	75	29.2	--	--
Galena Summit	Big Wood	8780	4/28	91	36.2	18.0	26.9
Garfield Ranger Sta.	Little Wood	6560	4/30	17	6.4	0.0	2.6*
Gibbons Pass (Mt)	Bitterroot	7100	4/27	72	31.6	17.2	25.3
Giveout	Montpelier	6860	4/30	40	16.4	0.0	6.9*
Goat Creek (Nv)	Salmon Falls	8880	4/30	65	26.5	10.2	20.8
Goat Lake	Clearwater	6500	4/29	141	54.4	27.7	51.9*
Graham Guard Sta.	Boise	5690	4/28	38	16.3	0.0	--
Graham Ranch	Big Wood	6270	4/28	51	18.4	3.3	9.2*
Granite Peak	St. Joe	6000	4/29	139	50.0	23.1	47.6*
Grassy Lake (Wy)	Henry's Fork	7265	4/29	101	48.2	17.2	36.4
Halverson Creek	Kootenai	4850	4/26	144	69.7	41.1	43.5
Hemlock Butte	Clearwater	5810	4/29	142	55.6	21.0	52.4
Hilts Creek	Little Lost	8000	4/29	60	21.0	10.8	--
Hoodoo Basin (Mt)	Clark Fork	6000	4/30	148	68.5	33.4	55.6*
Hoodoo Creek (Mt)	Clark Fork	5900	4/30	136	61.8	30.1	52.0
Howell Canyon	Marsh Creek	7980	4/28	78	36.1	3.1	23.7*
Humboldt Gulch	Coeur d'Alene	4250	4/29	37	14.4	--	--
Hyndman Creek	Big Wood	7440	4/28	52	18.3	4.6	--
Idaho City	Boise	4000	5/3	0	0.0	--	--
Indian Meadows	Teton	8240	5/4	114	53.1	--	39.9*
Island Park	Henry's Fork	6290	4/30	35	15.7	0.0	11.4
Jackpine Creek (Wy)	Teton	7350	5/4	58	26.1	6.5	24.1*
Jackson Peak	Boise	7070	4/28	98	42.1	19.3	26.8*
Lake Fork	Payette	5290	4/25	46	18.0	0.0	14.1*

(b) 1963-1977, 15 year period. * Estimated 1963-77 15 Year Average.

(A) Aerial observation Water content estimated.

SNOW

DRAINAGE BASIN and or SNOW CO				THIS YEAR			PAST RECORD	
				Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
							Last Year	Average
Name & Drainage		Elevation						
Lemhi Pass	(Mt)	Beaverhead	7480	4/27	33	11.3	0.0	9.2
Lemhi Ridge	(Mt)	Beaverhead	8100	4/27	39	13.9	2.9	10.6*
Little Beaver		Montpelier	6970	4/30	42	18.6	0.0	11.4*
Lolo Pass		Lochsa	5240	4/30	74	33.4	9.3	31.4
Lookout		Coeur d'Alene	5140	4/29	93	40.4	14.2	35.4
Lost Garfield		Little Lost	6600	4/30	0	0.0	--	0.0*
Lost Lake		Clearwater	6110	4/29	170	63.6	31.4	62.5
Lost-Wood Divide		Big Lost	7900	4/28	80	32.8	13.1	24.8*
Lower Home Canyon		Montpelier	7640	4/29	44	16.8	0.0	11.1*
Lower Sands Creek		Coeur d'Alene	3120	5/3	40	15.9	0.0	18.3
Magic Mountain		Rock Creek	6880	4/30	48	22.3	8.5	18.8*
Mascot Mine		Big Wood	7780	4/28	62	22.9	7.4	15.5*
Mill Creek Summit		Salmon	8800	4/29	83	35.9	15.2	25.9
Montpelier Creek		Montpelier	6540	4/30	8	3.4	0.0	1.2*
Moonshine		Little Lost	7440	4/30	31	10.3	1.8	9.6*
Moore's Creek Summit		Boise	6100	5/3	97	43.5	12.4	32.6
Moose Creek		N. F. Salmon	6200	4/30	51	21.2	5.0	16.6*
Morgan Creek		Salmon	7600	4/28	51	19.7	5.8	13.9
Mountain Meadows		Selway	6360	4/29	74	27.0	8.9	26.3*
Mount Baldy		Big Wood	8920	4/29	97	38.4	17.8	23.6*
Mud Creek		Willow	7100	4/30	59	28.4	--	--
Muldoon		Little Wood	6320	4/30	0	0.0	0.0	0.6*
Phillips Bench	(Wy)	Teton	8200	4/30	106	46.0	18.4	31.5*
Pierce Ranger Sta.		Clearwater	3080	5/4	0	0.0	0.0	1.9
Pine Creek Pass		Teton	6810	4/29	50	22.2	0.0	14.8
Pole Creek Ranger Sta.		Jarbridge	8360	4/30	66	29.1	13.7	25.8*
Rock Flat Summit		Payette	5310	4/28	54	21.5	5.8	17.9
Savage Pass		Lochsa	6170	4/28	89	40.3	17.3	29.3*
Sawmill Canyon		Little Lost	7000	4/30	19	6.3	0.0	3.8*
Sawtell Mountain		Henry's	8720	4/30	126	56.4	26.9	37.1*
Schweitzer Basin		Pend Oreille	6090	4/30	146	66.4	--	--
Schweitzer Bowl		Pend Oreille	4800	4/30	88	40.1	--	26.8*
Schweitzer Ridge		Pend Oreille	6200	4/30	136	61.3	30.4	47.5*
Secesh Summit		Payette	6520	4/25	121	55.7	14.4	36.9*
Seventy Six Creek		Jarbridge-Bruneau	7100	4/27	36	16.0	0.0	4.7*
Shanghai Summit		Clearwater	4570	4/29	67	25.2	0.0	23.1
Sherwin		St. Maries	3200	4/29	23	10.0	0.0	7.2*
Slug Creek Divide		Blackfoot	7230	4/29	51	21.2	0.0	17.0*
Smith Creek		Kootenai	4800	4/29	122	58.0	36.8	47.4
Soldier Ranger Sta.		Big Wood	5740	5/1	15	5.7	--	1.1*
Somsen Ranch		Willow Creek	6840	4/29	43	18.3	0.0	--
South Mountain		Jordan-Owyhee	6500	4/29	36	16.0	0.0	7.1*
Squaw Flat		Weiser	6240	4/25	81	30.4	5.8	--
Squaw Meadow		Payette	5900	4/25	114	53.7	14.5	36.1*
State Line		Teton	6660	4/29	36	14.9	0.0	10.7
Stickney Mill		Big Lost	7430	4/28	31	11.8	0.0	6.5*
Strawberry Creek		Mink	5820	4/30	0	0.0	--	3.4*
Swede Peak		Little Wood	7640	4/30	58	21.3	0.0	16.7*
Targhee Pass		Henry's Fork	6980	4/30	43	17.3	0.0	16.2*
Teton Pass W.S.	(Wy)	Teton	7740	4/28	88	38.2	15.8	28.9*
Trinity Mountain		Boise	7770	4/28	134	63.3	20.9	44.1*
Upper Home Canyon		Montpelier	8560	4/29	84	35.3	8.8	24.5*
Valley View		Henry's Fork	6680	4/30	48	21.1	T	14.5
Vienna Mine		Salmon	8960	4/28	128	58.6	26.7	39.9*
West Branch		Weiser	5560	4/29	68	25.9	--	--
Wet Creek Summit		Little Lost	7680	4/29	48	17.4	7.2	13.8*
Whiskey Flat		Montpelier	6960	4/30	24	9.6	0.0	4.5*
White Elephant		Henry's Fork	7710	4/30	90	38.0	12.5	--
Willow Flat		Cub	6070	4/25	28	13.7	0.0	5.5*

(b) 1963-1977, 15 year period. * Estimated 1963-77 15 Year Average.

(A) Aerial observation Water content estimated.

GOVERNMENT AGENCIES

States:

Idaho Department of Water Resources
State of Idaho Department of Fish and Game
University of Idaho
Idaho State University
Montana Agricultural Experiment Station
Montana State Water Conservation Board
Montana Cooperative Snow Surveys
Nevada Cooperative Snow Surveys
Oregon Agricultural Experiment Station
Oregon Cooperative Snow Surveys
Oregon State Engineer and Corps of
State Watermasters
Utah Cooperative Snow Surveys
Wyoming Cooperative Snow Surveys

Federal:

U. S. Army Engineers

U. S. Department of Agriculture
Forest Service
ESCS Crop Reporting Service
SEA Agricultural Research

U. S. Department of Commerce
NOAA, National Weather Service

U. S. Department of the Interior
Bonneville Power Administration
Water and Power Resources Service
Fish and Wildlife Service
Water Resources Division, Geological Survey
National Park Service
Bureau of Land Management

PUBLIC UTILITIES

Washington Water Power Company
Idaho Power Company

ORGANIZED PUBLIC AGENCIES

Big Lost River Irrigation District
Blaine Soil Conservation District
Boise Project Board of Control
Idaho Water District #01
Little Wood River Irrigation District
Mann Creek Irrigation District
Salmon Falls Creek Irrigation Company
Twin Falls Soil Conservation District
Big Wood Irrigation Company
Owyhee Project - North & South Board of Control
Valley Soil Conservation District
Portneuf Soil and Water Conservation District
East Cassia Soil and Water Conservation District
West Cassia Soil and Water Conservation District
Camas Soil and Water Conservation District

Other organizations and individuals furnish valuable information for snow survey reports. Their cooperation is gratefully acknowledged.

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